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OUT 66075

40CT68 13 42Z

P 041328Z OCT 68
FM NPIC WASHDC
TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB
RUCSAAA/544TH ARTW OFFUTT AFB OMAHA NEB
RUCLFGA/100TH SRW OL 19 MCCOY AFB FLA
RUWJDDA/100TH SRW DAVIS MONTHAN AFB ARIZ
RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD
RUEAIIA/DIA WASH DC
RUEOJFA/DIA
RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF
RUEFHQA/HQS USAF
RUWTJJD/WRAMA/WRNWA ROBBINS AFB GA
BT
S E C R E T CITE NPIC 4722.
SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI, DO; 100TH SRW FOR CO, DOOI; HQ USAF FOR AFRDR [redacted] DIA FOR DIAXX-2.
FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.
SUBJECT: EVALUATION OF "B" TEST MISSION NUMBER 4
1. QUALITY SUMMARY: THE IMAGE QUALITY VARIES FROM POOR AT THE BEGINNING TO GOOD AT THE END OF THIS MISSION. THE IMAGERY APPEARS

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1	FILE	
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3,4	TSSJ /TAD	1
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	R&D	
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	AID	
	IMG	
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	WPST	
	E/SE	
	M&S	
	FOM	
	IAS	
	DIA-AX4	
	SPAD	
	25X1	
	CMX	

ADVANCE CY SANITIZED WITH TEXT

PAGE 2 RUEADJU 3 S E C R E T
SOFT ACROSS THE ENTIRE FORMAT DURING THE FIRST PART OF THE MISSION (APPROXIMATELY THE FIRST 600 FRAMES). AS THE MISSION PROGRESSES, THE QUALITY IMPROVES INITIALLY NEAR THE CENTER OF THE FORMAT AND GRADUALLY EXTENDS TOWARD THE FORMAT EDGES SUCH THAT AT THE END OF THE MISSION APPROXIMATELY HALF OF EACH 18 X 18 FORMAT CONTAINS GOOD IMAGERY. THE LATTER PORTION OF THIS MISSION CONTAINS IMAGERY WHICH IS BETTER THAN RECENT GLASS LAMP MISSIONS EMPLOYING CAMERA UNIT B-24. THE GROUND RESOLUTION AND INTERPRETATION SUITABILITY RANGES FROM POOR AT THE BEGINNING OF THE MISSION TO GOOD AT THE END OF THE MISSION. CLOUD COVER AND HAZE OBSCURE LESS THAN 5 PERCENT OF THE ENTIRE MISSION.
2. MISSION DATA:
A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 24, WAS USED IN B TEST MISSION NUMBER 4, FLOWN ON 22 SEPTEMBER 1968. THE FIRST 877 FRAMES AND THE LAST 3 FRAMES WERE TAKEN IN MODE 1, FRAMES 878-1141 WERE TAKEN IN MODE 2.
B. THIS MISSION WAS FLOWN IN THE NEW "R" VEHICLE AND EMPLOYED FILM TYPE 3400. A CAMERA EXPOSURE SETTING OF 1/250 AT F10 WAS USED. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN.

PAGE 3 RUEADJU 3 S E C R E T
3. ORIGINAL NEGATIVE:
A. EXPOSURE: THE MATERIAL IS ADEQUATELY EXPOSED AT THE BEGINNING OF THE MISSION AND SLIGHTLY OVEREXPOSED AT THE END OF THE MISSION.
B. DENSITY AND CONTRAST: GENERALLY MEDIUM; HOWEVER, THE LATTER PART OF THE MISSION IS MORE DENSE AND OF HIGHER CONTRAST.
C. IMAGED DEGRADATIONS:
(1) 9R SIDE: A CONTINUOUS PLUS DENSITY STREAK 1.5 INCHES FROM THE INBOARD EDGE IS PRESENT FROM FRAME 827 THROUGH FRAME

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900.
(2) 9L SIDE: FRAME 330 CONTAINS A 0.26 INCH WIDE PLUS DENSITY BAND ACROSS THE FILM, 6.3 INCHES FROM THE DATA BLOCK EDGE.
(3) BOTH SIDES: EDGE STATIC AND PLUS DENSITY AREAS ASSOCIATED WITH ROLLER CHATTER ARE PRESENT INTERMITTENTLY THROUGHOUT THE ENTIRE MISSION.
D. PHYSICAL DEGRADATIONS:
(1) 9R SIDE: FRAME 576 CONTAINS A MANUFACTURER'S SPLICE. FRAME 602 CONTAINS A HEAT SPLICE. ANOTHER HEAT SPLICE IS PRESENT BETWEEN FRAMES 1026/1027. TWO SCRATCHES

PAGE 4 RUEADJU 6 S E C R E T
6.6 INCHES APART, 3.2 INCHES FROM THE INBOARD EDGE ARE PRESENT IN FRAME 577.
(2) 9L SIDE: SCRATCHES 6.25 INCHES APART AND 3.36 INCHES FROM THE OUTBOARD EDGE OF THE FILM ARE PRESENT IN FRAMES 1 TO 473.
(3) BOTH SIDES: CAMERA OFF/ONS OCCURRED BETWEEN FRAMES 149/150, 333/334, AND 528/529.
E. AUXILIARY DATA: THE VERTICAL POSITION INDICATOR DOT IS NOT IMAGED IN FRAMES 830 THRU 900 ON THE 9L SIDE. ALL OTHER DATA RECORDING EQUIPMENT FUNCTIONED PROPERLY.
F. THE LAST TITLED FRAME ON BOTH SIDES IS 1145.
4. POSITIVES:
PRINTING AND PROCESSING WERE GOOD.
GP-1

S E C R E T

END OF MESSAGE

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